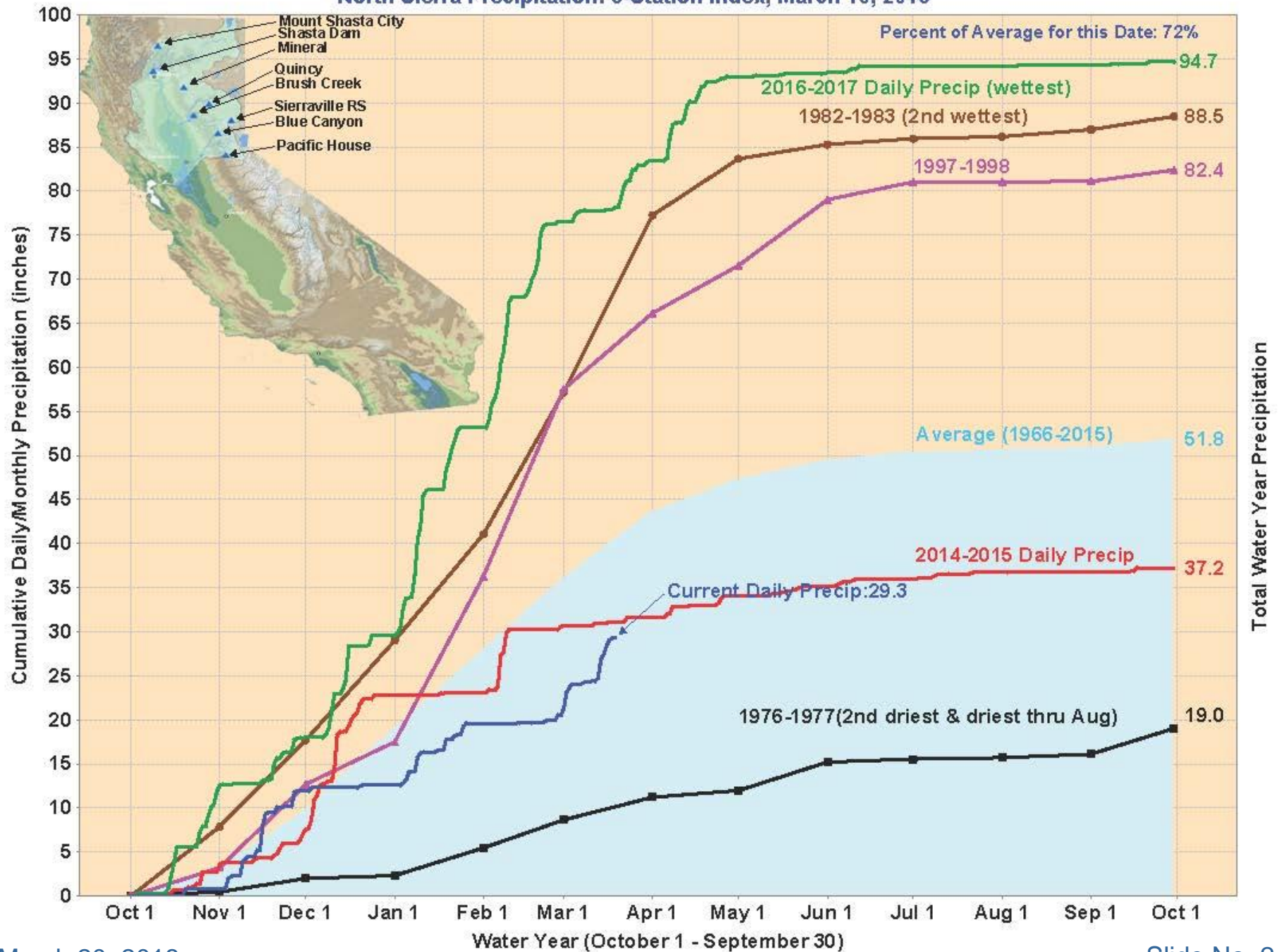


HYDROLOGY UPDATE FOR THE BAY-DELTA WATERSHED



MARCH 20, 2018 – ITEM #3

North Sierra Precipitation: 8-Station Index, March 19, 2018



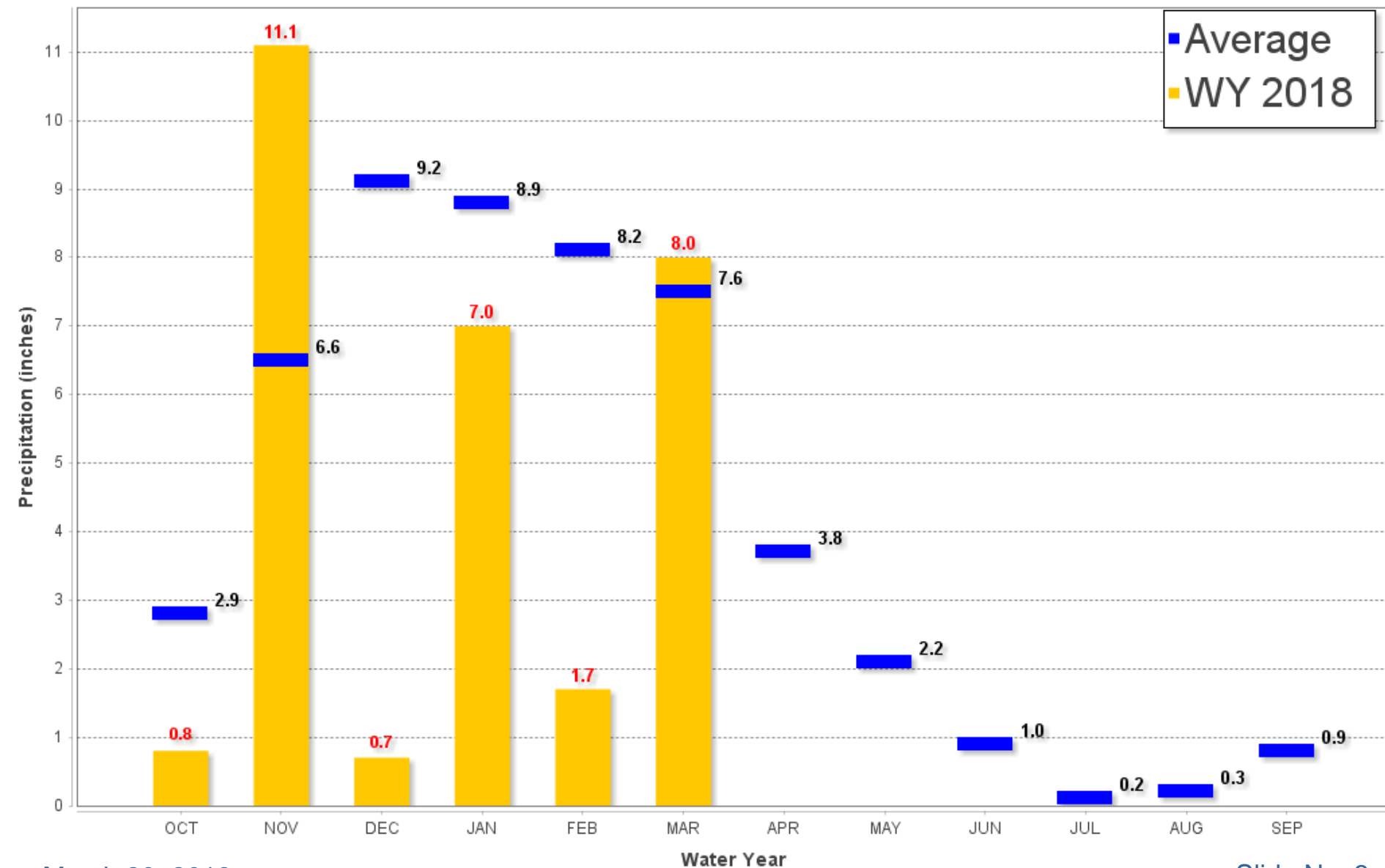


Northern Sierra 8-Station

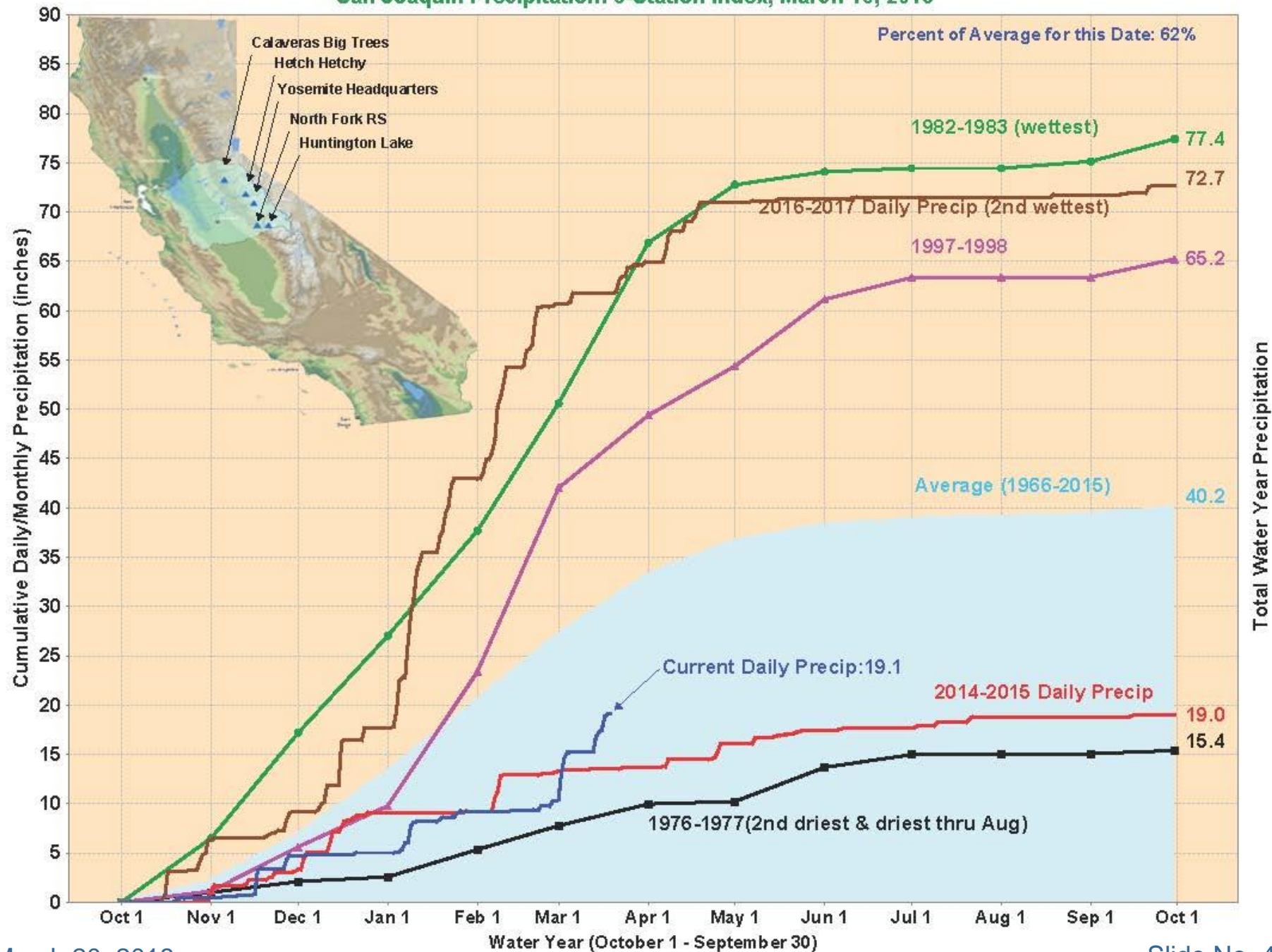
Precipitation Index for Water Year 2018 - Updated on March 19, 2018 08:30 AM

Note: Monthly totals may not add up to seasonal total because of rounding

Water Year Monthly totals are calculated based on Daily precipitation data from 12am to 12am PST



San Joaquin Precipitation: 5-Station Index, March 19, 2018



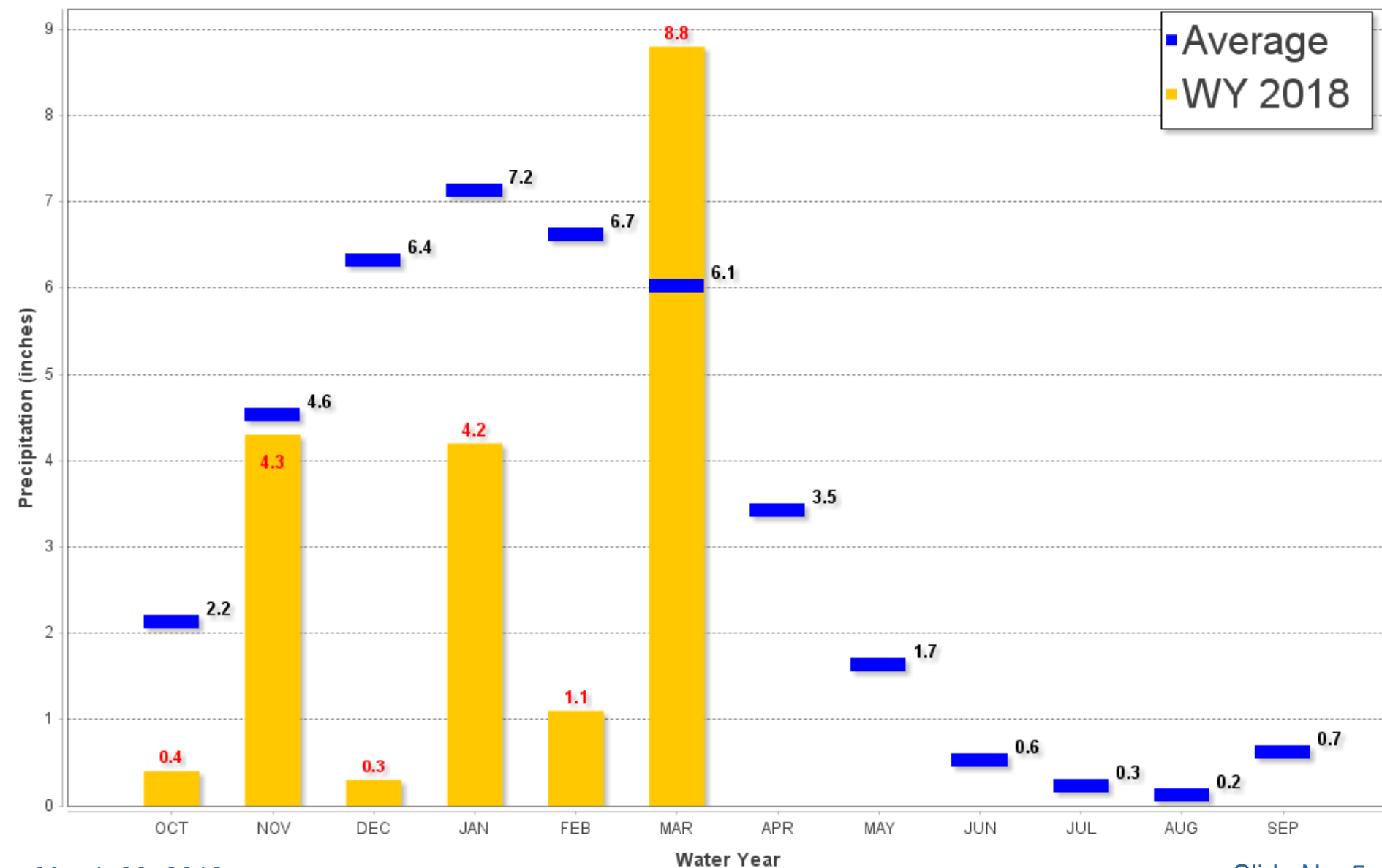


San Joaquin 5-Station

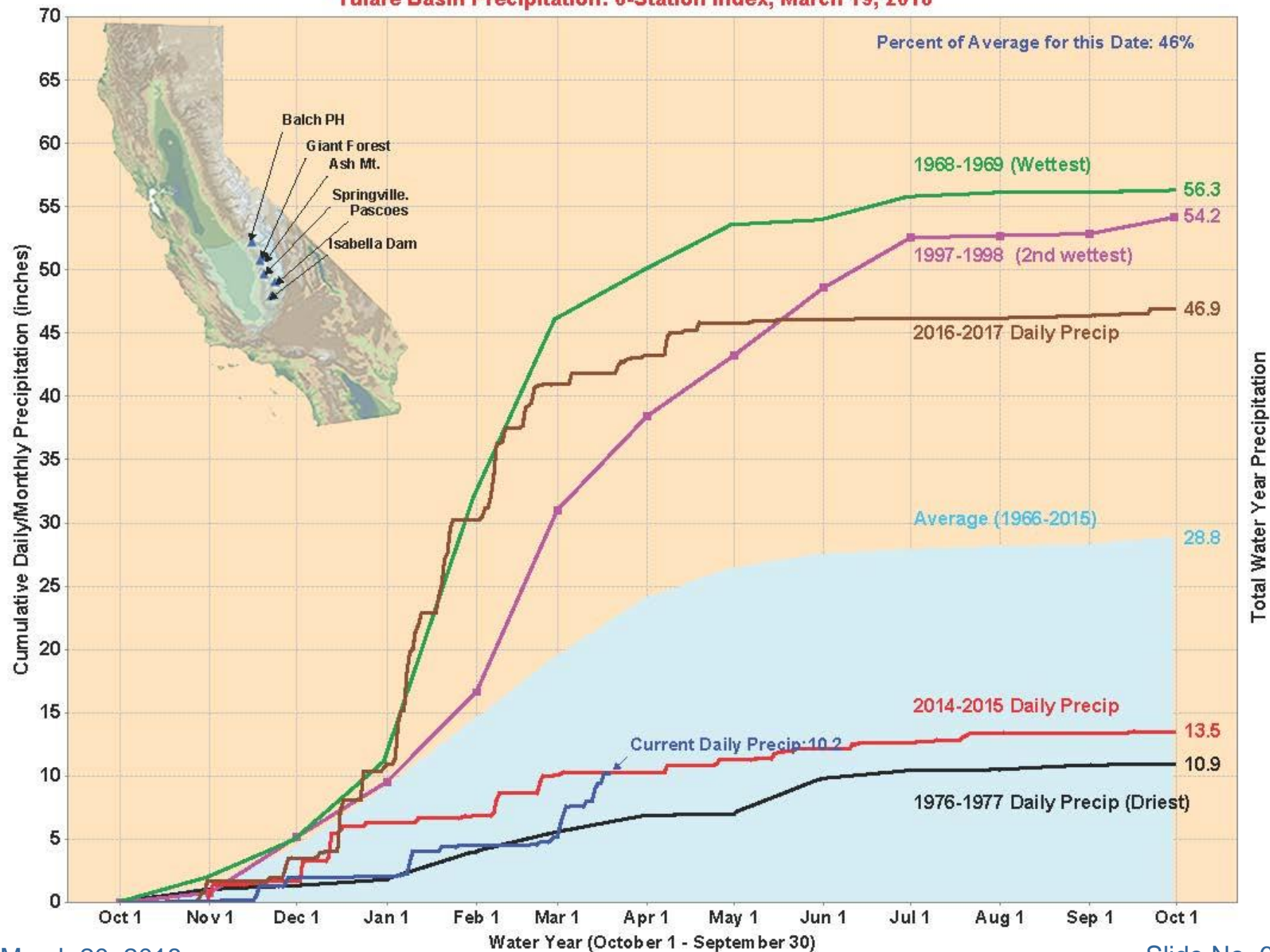
Precipitation Index for Water Year 2018 - Updated on March 19, 2018 08:45 AM

Note: Monthly totals may not add up to seasonal total because of rounding

Water Year Monthly totals are calculated based on Daily precipitation data from 12am to 12am PST



Tulare Basin Precipitation: 6-Station Index, March 19, 2018



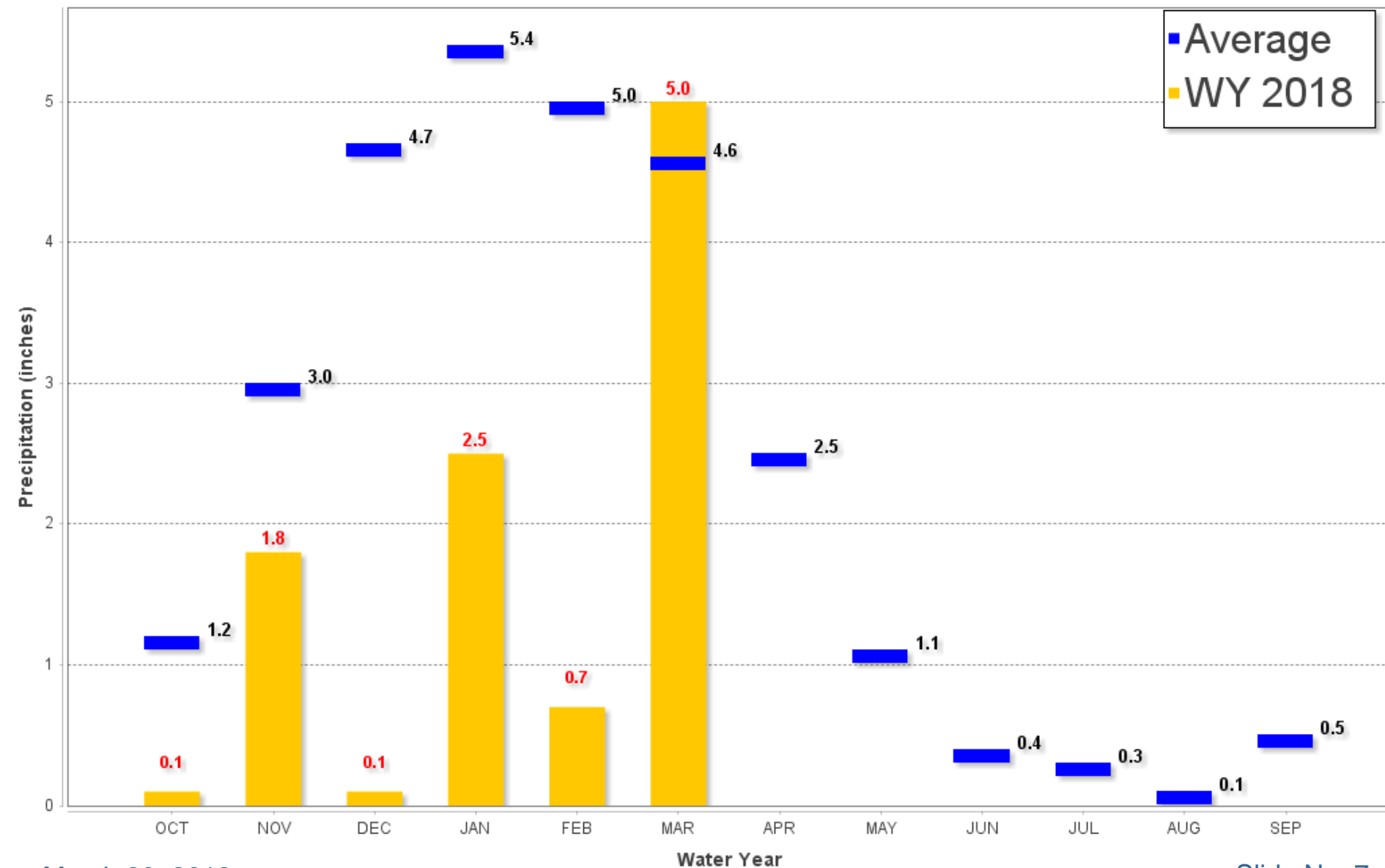


Tulare Basin 6-Station

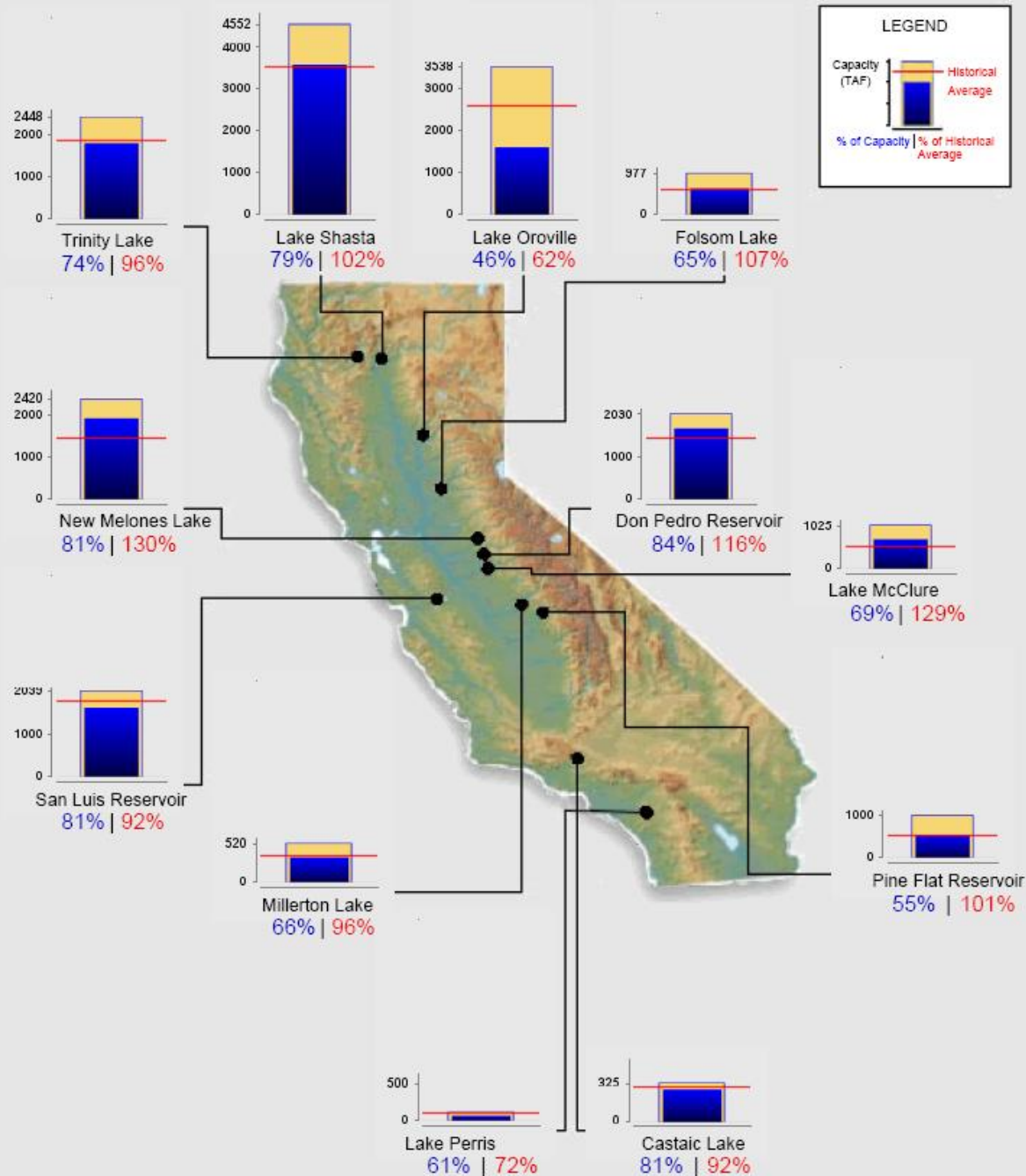
Precipitation Index for Water Year 2018 - Updated on March 19, 2018 08:45 AM

Note: Monthly totals may not add up to seasonal total because of rounding

Water Year Monthly totals are calculated based on Daily precipitation data from 12am to 12am PST



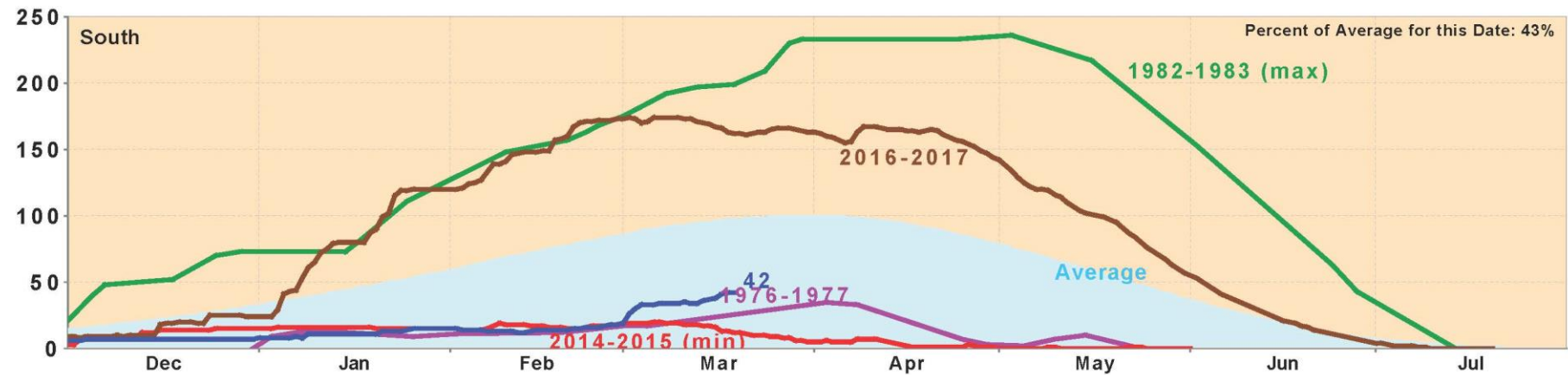
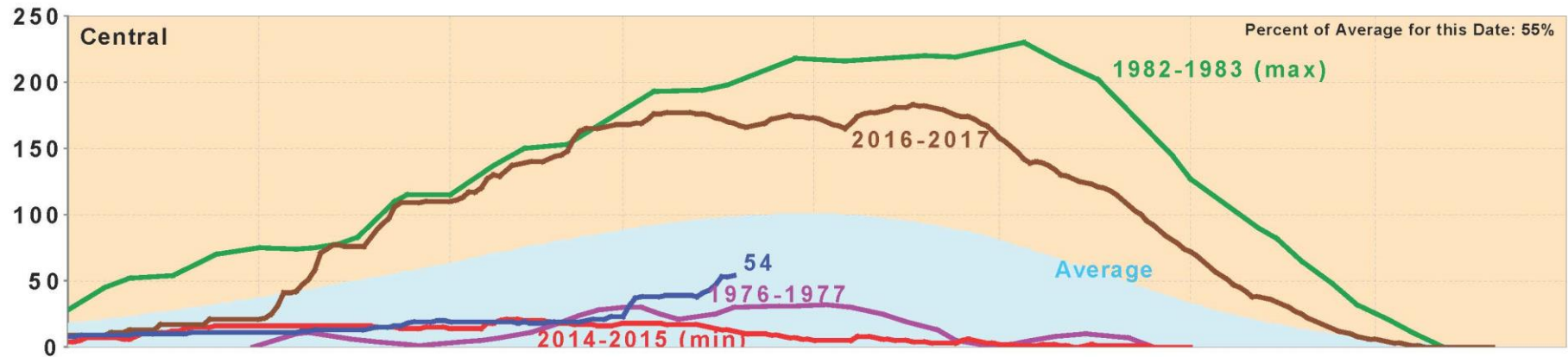
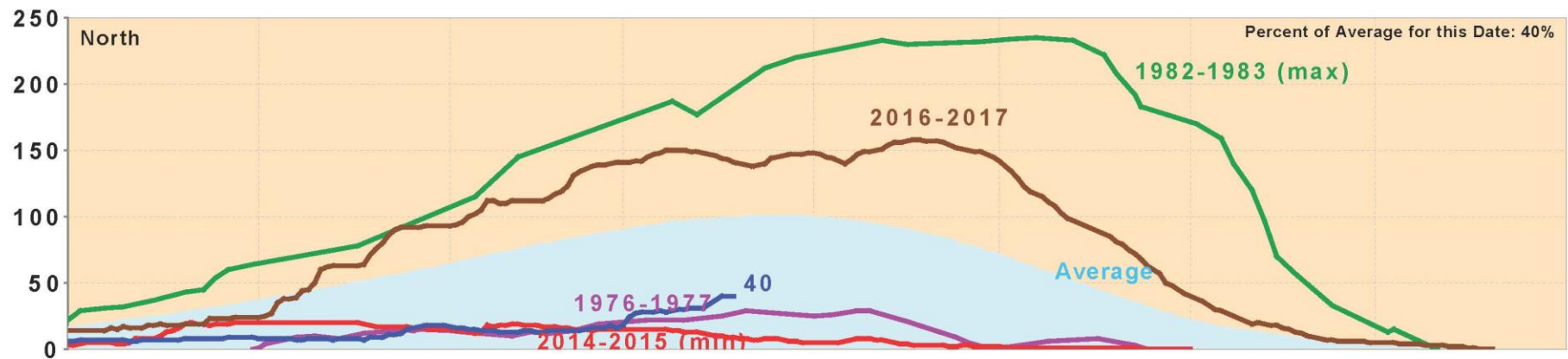
CURRENT RESERVOIR CONDITIONS



Other Reservoirs

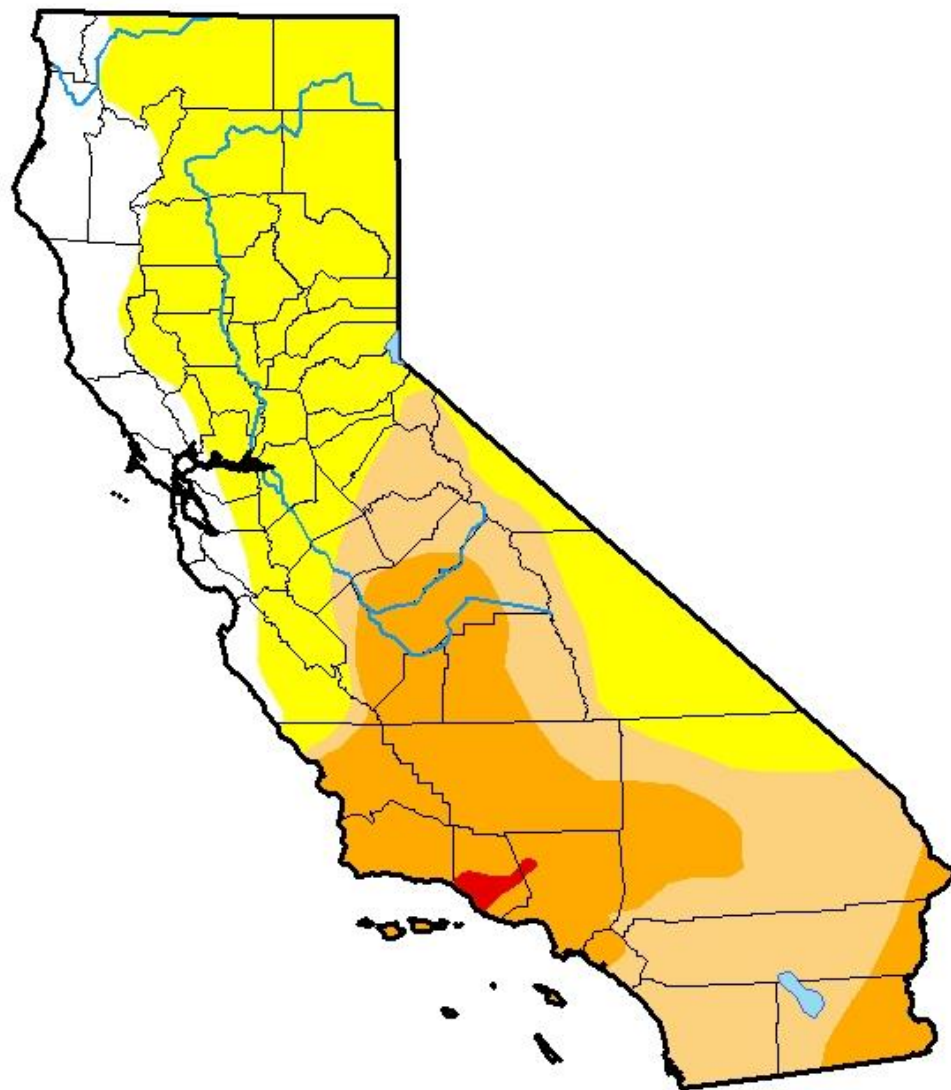
- **Cachuma Reservoir:** 75,694 acre-feet full out of 205,000 acre-foot capacity (37% of capacity and 45% of average)
- **Diamond Valley Lake:** 724,511 acre-feet full out of 810,000 acre-foot capacity (89% of capacity)
- **San Luis Reservoir:** 1,660,617 acre-feet full out of 2,041,000 acre-feet capacity (81% of capacity and 92% of average)

California Snow Water Content, March 19, 2018, Percent of April 1 Average



U.S. Drought Monitor California

March 13, 2018
(Released Thursday, Mar. 15, 2018)
Valid 8 a.m. EDT



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	11.08	88.92	47.68	22.31	0.43	0.00
Last Week 03-06-2018	8.48	91.52	47.87	22.40	0.43	0.00
3 Months Ago 12-12-2017	55.70	44.30	9.90	0.00	0.00	0.00
Start of Calendar Year 01-02-2018	55.70	44.30	12.69	0.00	0.00	0.00
Start of Water Year 09-26-2017	77.88	22.12	8.24	0.00	0.00	0.00
One Year Ago 03-14-2017	76.54	23.46	8.24	1.06	0.00	0.00

Intensity:

D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate Drought	D4 Exceptional Drought
D2 Severe Drought	

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author:

Richard Tinker
CPC/NOAA/NWS/NCEP

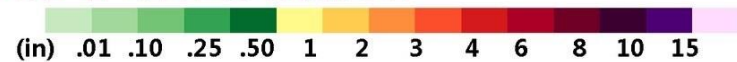


<http://droughtmonitor.unl.edu/>



7-Day Total Precipitation Forecast

Through 5AM 03/26/2018



Eureka
2-3"

Redding
2-3"

Sacramento
1-2"

Tahoe
3-4"

San Francisco
1-2"

Fresno
2-3"

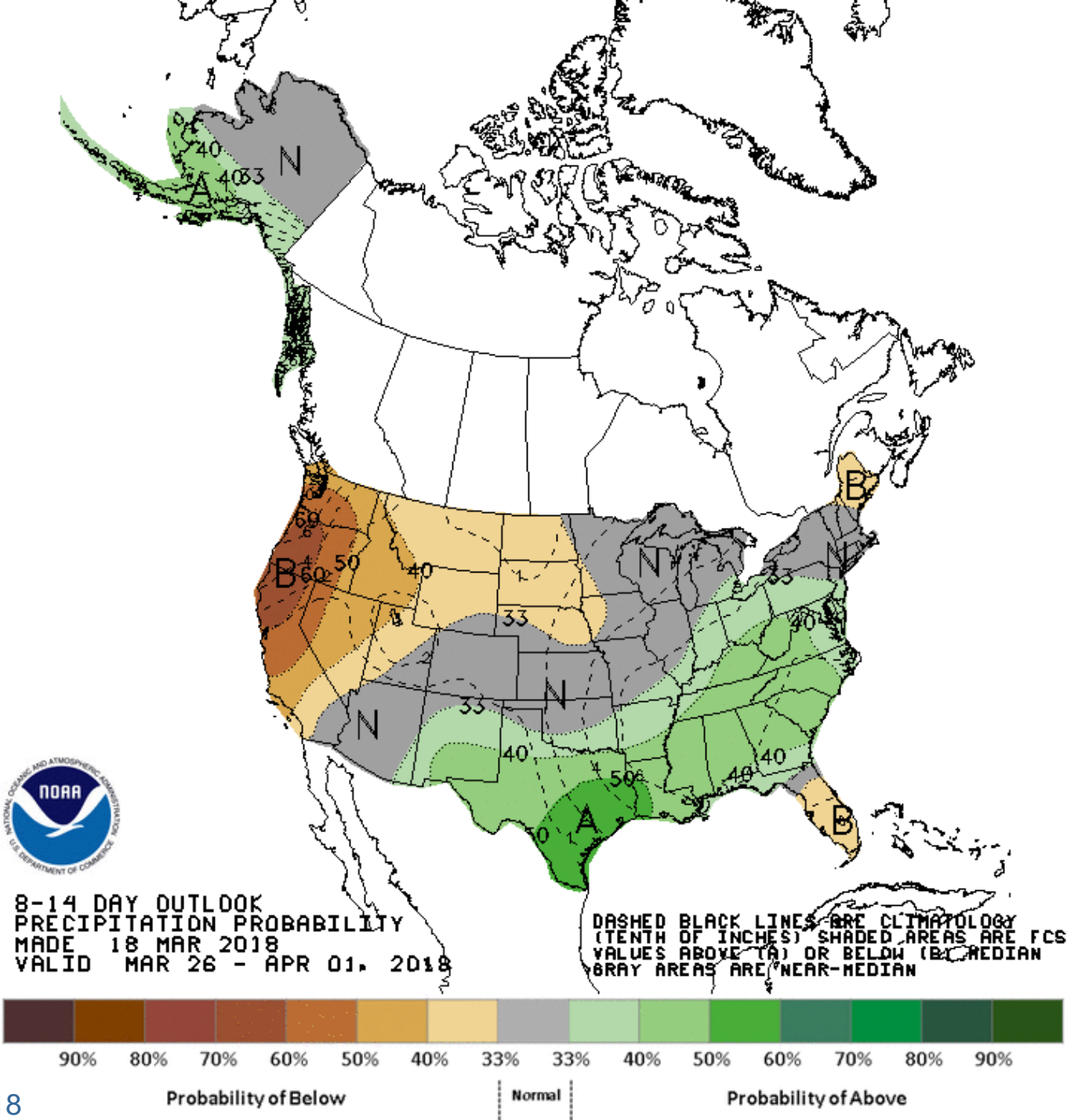
Los Angeles
2-3"

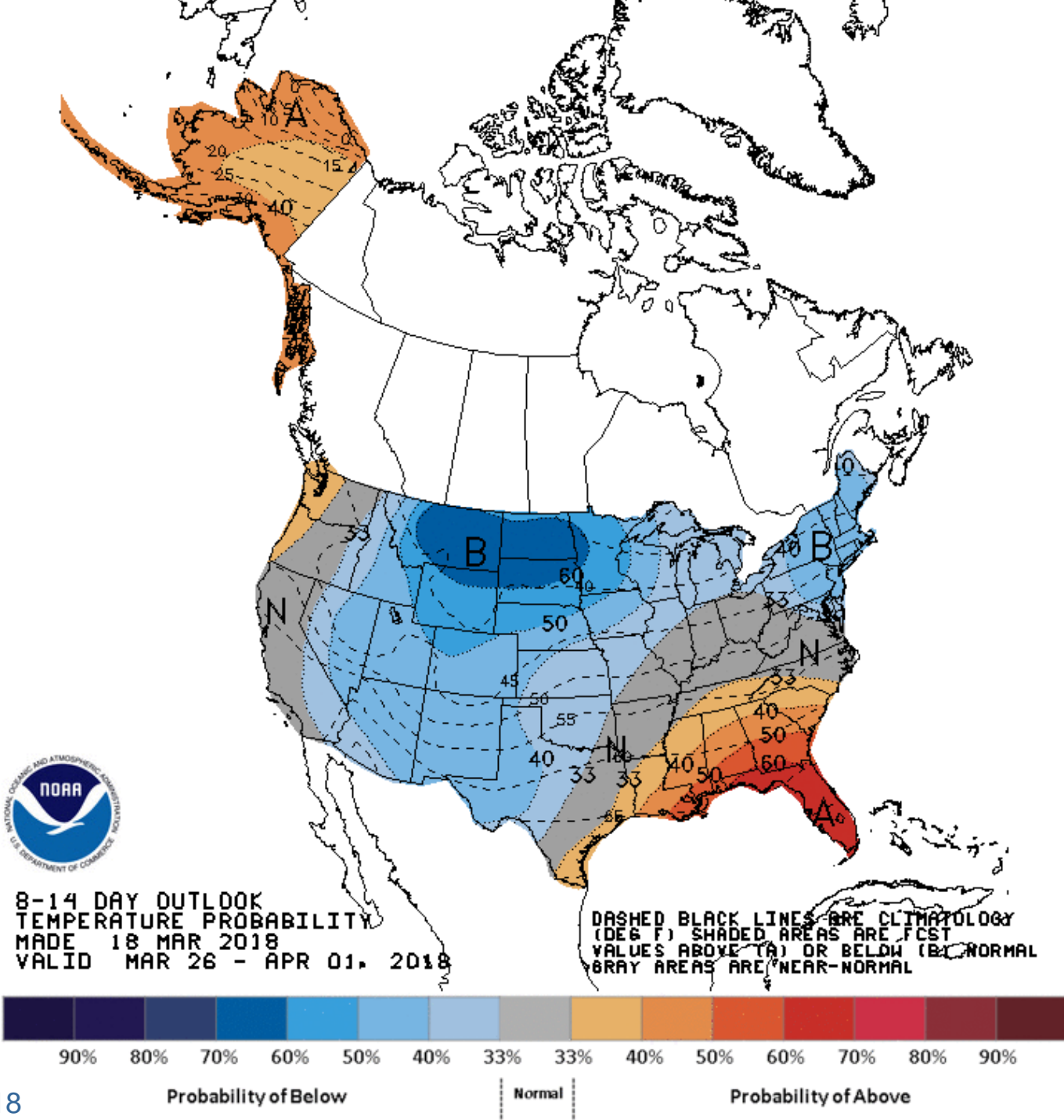
San Diego
.50-1.00"

Issued: March 19, 2018

March 20, 2018

Slide No. 12





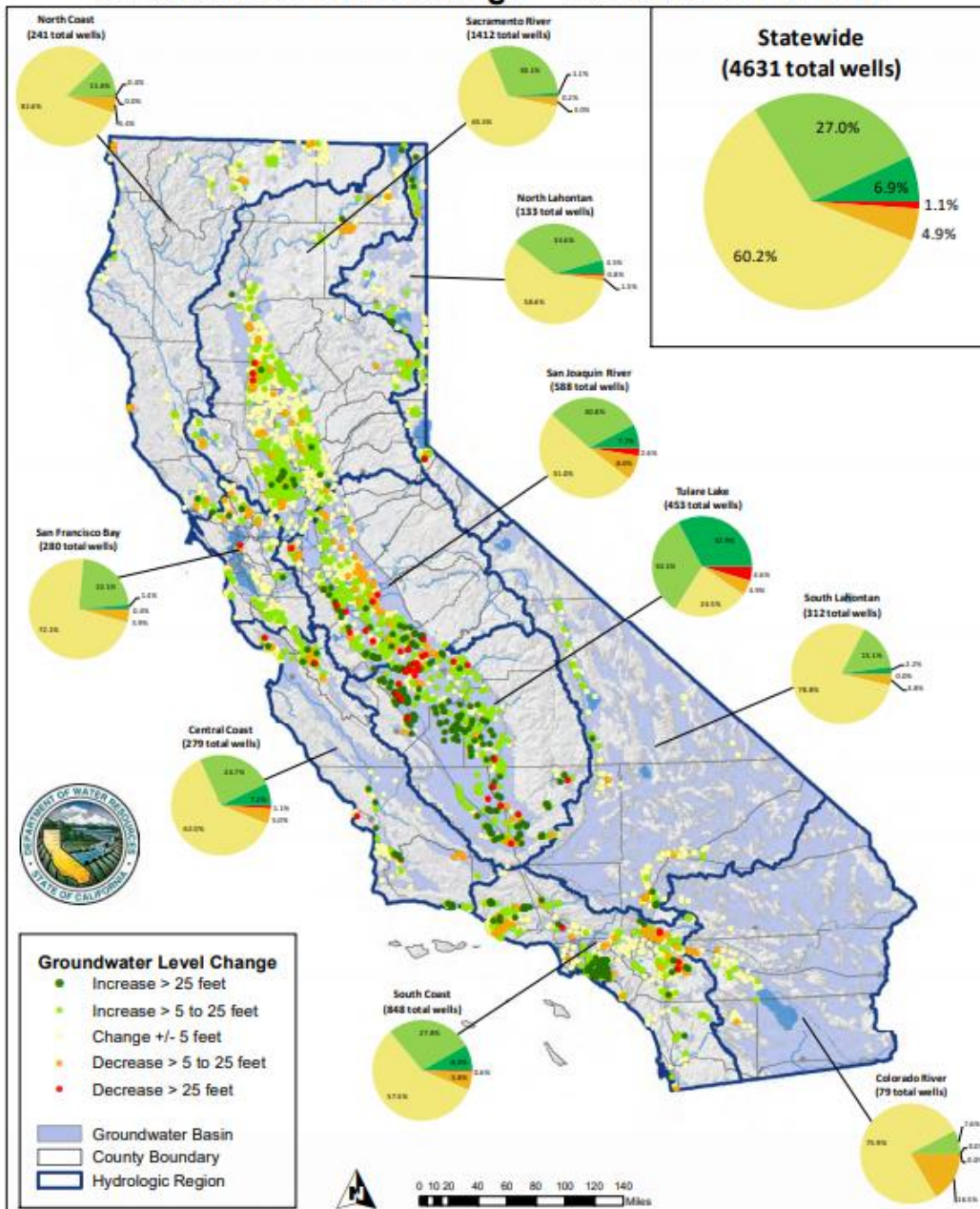


Questions?

Extra Slides

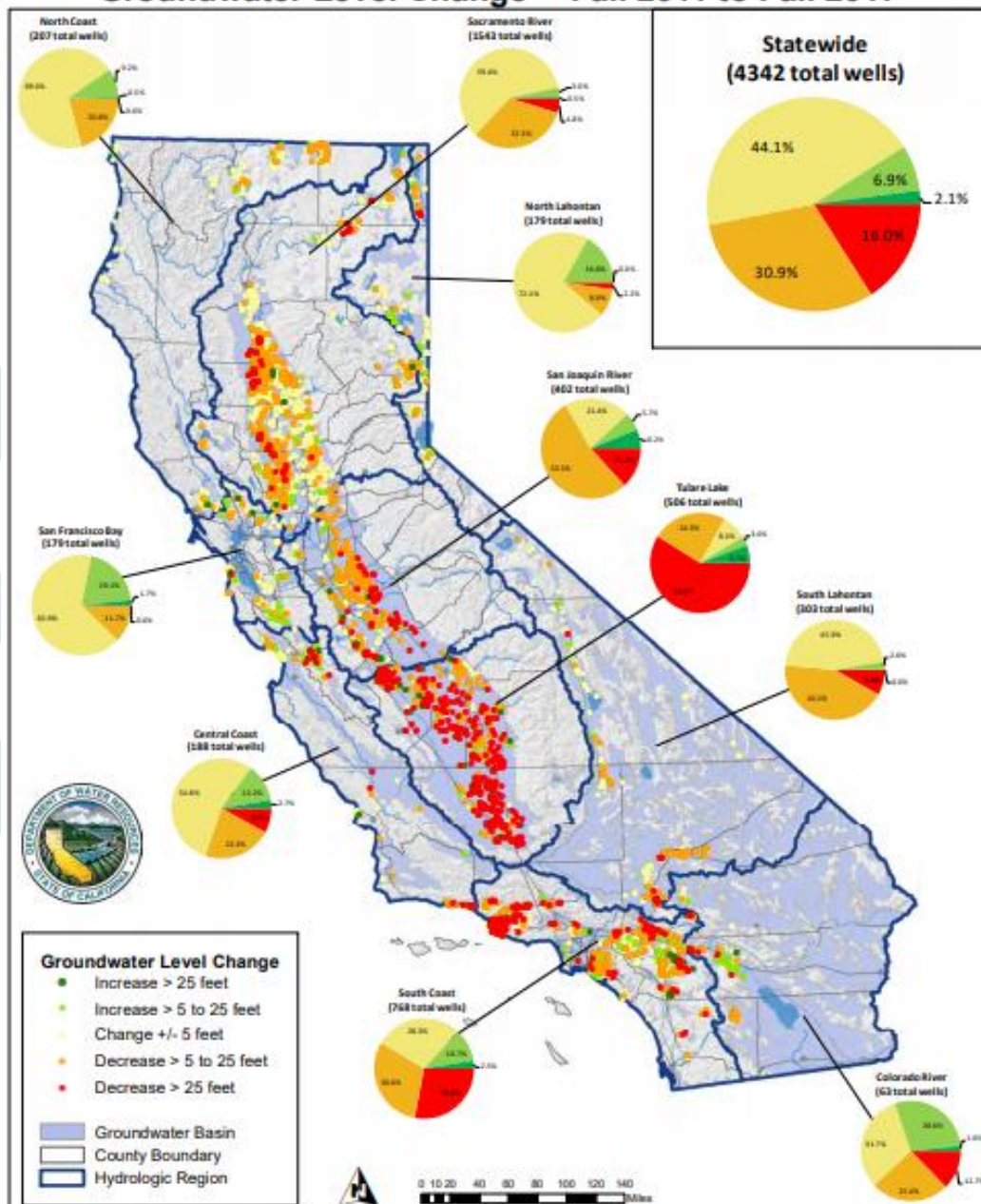
The slide features a white background with three thick, light blue wavy lines that sweep across the bottom half of the frame. The lines are smooth and fluid, creating a sense of movement. The text 'Extra Slides' is centered in the upper half of the slide, rendered in a bold, dark blue font.

Groundwater Level Change* - Fall 2016 to Fall 2017



*Groundwater level change determined from water level measurements in wells. Map and chart based on available data from the DWR Water Data Library as of 02/21/2018. Document Name: PIEMAP_F1716_25ft
Updated: 2/26/2018. Data subject to change without notice.

Groundwater Level Change* - Fall 2011 to Fall 2017



*Groundwater level change determined from water level measurements in wells. Map and chart based on available data from the DWR Water Data Library as of 02/21/2018. Document Name: PIEMAP_F1711_25ft
Updated: 2/26/2018. Data subject to change without notice.

San Luis Reservoir

Total: 1,660,617 acre-feet full out of 2,041,000 acre-feet capacity (81% of capacity and 92% of average)

- **DWR:** 828,652 acre-feet full out of 1,062,180 acre-foot capacity (78% of operational capacity)
- **USBR:** 831,965 AF acre-feet full out of 965,655 acre-feet capacity (86% of operational capacity)

El Niño/La Niña

As of February 8, 2018, the National Oceanic and Atmospheric Administration (NOAA) predicts a transition from La Niña to ENSO-neutral during the Northern Hemisphere spring (~55% chance of ENSO-neutral during the March-May season).